CLAIMS

1. A broadcast receiving method comprising:

a receiving step of receiving a broadcast in which additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information of specifying said object is broadcasted simultaneously with said broadcast contents;

a recognition vocabulary set generating step of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby generating, in a manner corresponding to said additional information, a recognition vocabulary set consisting of words belonging to said word class including a word corresponding to said keyword information;

a speech recognition step of performing speech recognition of a voice uttered by a viewing person;

a specifying step of specifying said keyword information corresponding to said recognition vocabulary set when a word recognized as the speech recognition result is contained in the recognition vocabulary set; and

a displaying step of displaying additional information corresponding to said specified keyword information.

2. A broadcast receiving system comprising

a first apparatus having broadcasting means of broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information of specifying said object, simultaneously with said broadcast contents, and

a second apparatus having: receiving means of receiving said broadcast broadcasted from said first apparatus; recognition vocabulary set generating means of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby generating, in a manner corresponding to said additional information, a recognition vocabulary set consisting of words belonging to said word class including a word corresponding to said keyword information; speech recognition means of performing speech recognition of a voice uttered by a viewing person; specifying means of specifying said keyword information corresponding to said recognition vocabulary set when a word recognized as the speech recognition result is contained in the recognition vocabulary set; and displaying means of displaying additional information corresponding to said specified keyword information.

3. A first apparatus comprising broadcasting means of

broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information of specifying said object, simultaneously with said broadcast contents, wherein

said broadcast is received by a second apparatus comprising: receiving means of receiving said broadcast; recognition vocabulary set generating means of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby generating, in a manner corresponding to said additional information, a recognition vocabulary set consisting of words belonging to said word class including a word corresponding to said keyword information; speech recognition means of performing speech recognition of a voice uttered by a viewing person; specifying means of specifying said keyword information corresponding to said recognition vocabulary set when a word recognized as the speech recognition result is contained in the recognition vocabulary set; and displaying means of displaying additional information corresponding to said specified keyword information.

4. A second apparatus comprising:

receiving means of receiving a broadcast broadcasted from a first apparatus having broadcasting means of broadcasting

additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information of specifying said object, simultaneously with said broadcast contents;

recognition vocabulary set generating means of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby generating, in a manner corresponding to said additional information, a recognition vocabulary set consisting of words belonging to said word class including a word corresponding to said keyword information;

speech recognition means of performing speech recognition of a voice uttered by a viewing person;

specifying means of specifying said keyword information corresponding to said recognition vocabulary set when a word recognized as the speech recognition result is contained in the recognition vocabulary set; and

displaying means of displaying additional information corresponding to said specified keyword information.

5. A second apparatus according to claim 4, wherein an appearance frequency determined in advance is imparted to each word of said synonym dictionary, and wherein

when a plurality of words have been recognized as candidates of said speech recognition, said speech recognition

means specifies a word having the highest appearance frequency, as a word recognized as said speech recognition result.

6.   A second apparatus according to claim 5, comprising appearance frequency correcting means of rewriting said appearance frequency depending on a recognition result of said speech recognition result.

7.   A second apparatus according to claim 5, comprising appearance frequency correcting means of rewriting said appearance frequency corresponding to each word of said recognition vocabulary set depending on history information of said speech recognition result, wherein

said appearance frequency corresponding to each word is imparted to each word of said recognition vocabulary set, and wherein

said speech recognition means performs said speech recognition using said appearance frequencies of said recognition vocabulary set.

8.   A second apparatus according to any one of claims 4-7, comprising transmitting means of transmitting an instruction corresponding to a predetermined operation to a predetermined transmission destination when the predetermined operation is performed on said displayed additional information.

9. A second apparatus according to claim 8, wherein said program additional information is goods sales information and/or services sales information, and wherein

said instruction corresponding to a predetermined operation is a request for brochure or purchase instruction information concerning said goods and/or said service.

10. A program of causing a computer to serve, in a second apparatus according to claim 4, as:

receiving means of receiving a broadcast broadcasted from a first apparatus having broadcasting means of broadcasting additional information that is made to correspond to an object appearing in broadcast contents broadcasted from a broadcasting station and that contains keyword information of specifying said object, simultaneously with said broadcast contents;

recognition vocabulary set generating means of utilizing a synonym dictionary in which a plurality of words are classified into word classes on the basis of the synonymy between the words, and of thereby generating, in a manner corresponding to said additional information, a recognition vocabulary set consisting of words belonging to said word class including a word corresponding to said keyword information;

speech recognition means of performing speech recognition of a voice uttered by a viewing person;

specifying means of specifying said keyword information corresponding to said recognition vocabulary set when a word recognized as the speech recognition result is contained in the recognition vocabulary set; and

displaying means of displaying additional information corresponding to said specified keyword information.

11. A computer-processible recording medium carrying a program according to claim 10.